

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,585,160 B2  
APPLICATION NO. : 10/517142  
DATED : September 8, 2009  
INVENTOR(S) : Katsumi Hirooka et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page change item [75] Inventors from

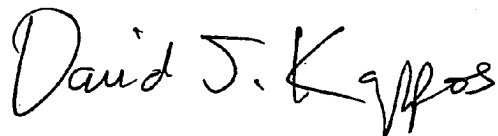
“[75] Inventors: Katsumi Hirooka, Sakai (JP);  
Takashi Hikawa, Sakai (JP)”

to

-- [75] Inventors: Katsumi Hirooka, Sakai (JP);  
Takeshi Hikawa, Sakai (JP) --

Signed and Sealed this

Second Day of March, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large, stylized 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*